



OIPE

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/025,966A

DATE: 01/02/2003 P.6
TIME: 08:37:56

Input Set : D:\seqlist.txt

Output Set: N:\CRF4\01022003\J025966A.raw

4 <110> APPLICANT: Rosen, Steven D.
5 Palmeri, Diana
6 Stefan, Hemmerich
8 <120> TITLE OF INVENTION: Sulfatases and methods of use
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11 <130> FILE REFERENCE: UCAL230
13 <140> CURRENT APPLICATION NUMBER: 10/025,966A
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172 <210> SEQ ID NO: 3

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174 <212> TYPE: PRT

175 <213> ORGANISM: Homo sapiens

177 <400> SEQUENCE: 3

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187 65 70 75 80
188 Phe Val Thr Thr Pro Met Cys Cys Pro Ser Arg Ser Ser Met Leu Thr
189 85 90 95
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199 165 170 175
200 Gly Ile Lys Glu Lys His Gly Phe Asp Tyr Ala Lys Asp Tyr Phe Thr
201 180 185 190
202 Asp Leu Ile Thr Asn Glu Ser Ile Asn Tyr Phe Lys Met Ser Lys Arg
203 195 200 205
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205 210 215 220
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213                275                280                285
214 Val Asp Asp Ser Val Glu Arg Leu Tyr Asn Met Leu Val Glu Thr Gly
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231                420                425                430
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:23; N Pos. 257706,257707,257708,257709,257710,257711,257712,257713
Seq#:23; N Pos. 257714,257715,257716,257717,257718,257719,257720,257721
Seq#:23; N Pos. 257722,257723,257724,257725,257726,257727,257728,257729
Seq#:23; N Pos. 257730,257731,257732,257733,257734,257735,257736,257737
Seq#:23; N Pos. 257738,257739,257740,257741,257742,257743,257744,257745
Seq#:23; N Pos. 257746,257747,257748,257749,257750,257751,257752,257753
Seq#:23; N Pos. 257754,257755,257756,257757,257758,257759,257760,257761
Seq#:23; N Pos. 257762,257763,257764,257765,257766,257767,257768,257769
Seq#:23; N Pos. 257770,257771,257772,257773,257774,257775,257776,257777
Seq#:23; N Pos. 257778,257779,257780,257781,257782,257783,257784,257785
Seq#:23; N Pos. 257786,257787,257788,257789,257790,257791,257792,257793
Seq#:23; N Pos. 257794,257795,257796,257797,257798,257799,257800,257801
Seq#:23; N Pos. 257802,257803,257804,257805

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/025,966A

DATE: 01/02/2003

TIME: 08:37:57

Input Set : D:\seqlist.txt

Output Set: N:\CRF4\01022003\J025966A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:66900
L:6375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:25860
L:6400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:27360
L:6401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:27420
L:6464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:31200
L:9037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:185580
L:9038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:185640
L:9113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:190140
L:9167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:193380
L:9175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:193860
L:9183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:194340
L:9195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:195060
L:9349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:204300
L:9365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:205260
L:9491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:212820
L:9492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:212880
L:9527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:214980
L:9650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:222360
L:9722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:226680
L:9723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:226740
L:9724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:226800
L:9749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:228300
L:9785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:230460
L:9786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:230520
L:9977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:241980
L:9998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243240
L:10000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243360
L:10001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243420
L:10002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243480
L:10003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243540
L:10004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243600
L:10006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243720
L:10007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:243780
L:10227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:256980
L:10228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:257040
L:10230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:257160
L:10239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:257700
L:10240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:257760